Pandas Install Update & Help

Pandas Version

Most recent version of pandas is 2.0 released on Apr 3, 2023

Check the latest version with below url

https://pandas.pydata.org/docs/whatsnew/index.html

Pandas : Install

```
!pip install pandas
```

```
Looking in indexes: https://pypi.org/simple, https://us-python.pkg.dev/colab-wheels/public/simple/
Requirement already satisfied: pandas in /usr/local/lib/python3.9/dist-packages (2.0.1)
Requirement already satisfied: python-dateutil>=2.8.2 in /usr/local/lib/python3.9/dist-packages (from pandas) (2.8.2)
Requirement already satisfied: tzdata>=2022.1 in /usr/local/lib/python3.9/dist-packages (from pandas) (2023.3)
Requirement already satisfied: numpy>=1.20.3 in /usr/local/lib/python3.9/dist-packages (from pandas) (1.22.4)
Requirement already satisfied: pytz>=2020.1 in /usr/local/lib/python3.9/dist-packages (from pandas) (2022.7.1)
Requirement already satisfied: six>=1.5 in /usr/local/lib/python3.9/dist-packages (from python-dateutil>=2.8.2->pandas) (1.16.0)
```

Pandas : Import Library

```
[ ]    import pandas as pd
```

Pandas : Check Version

```
[ ]  pd.__version__

     '2.0.1'
```

Show Version of All

```
[ ]   pd.show_versions()
```

```
INSTALLED VERSIONS
------------------
commit            : 37ea63d540fd27274cad6585082c91b1283f963d
python            : 3.9.16.final.0
python-bits       : 64
OS                : Linux
OS-release        : 5.10.147+
Version           : #1 SMP Sat Dec 10 16:00:40 UTC 2022
machine           : x86_64
processor         : x86_64
byteorder         : little
LC_ALL            : None
LANG              : en_US.UTF-8
LOCALE            : en_US.UTF-8

pandas            : 2.0.1
numpy             : 1.22.4
pytz              : 2022.7.1
dateutil          : 2.8.2
setuptools        : 67.7.1
pip               : 23.0.1
Cython            : 0.29.34
pytest            : 7.2.2
hypothesis        : None
sphinx            : 3.5.4
blosc             : None
feather           : None
```

Pandas : Upgrade to Latest Version

```
# install pandas latest version
!pip install -U pandas
```

Pandas : Upgrade to Specific Version

```
[ ]  !pip install pandas==1.3.1
```

Looking in indexes: https://pypi.org/simple, https://us-python.pkg.dev/colab-wheels/public/simple/
Collecting pandas==1.3.1
  Using cached pandas-1.3.1-cp39-cp39-manylinux_2_17_x86_64.manylinux2014_x86_64.whl (11.7 MB)
Requirement already satisfied: numpy>=1.17.3 in /usr/local/lib/python3.9/dist-packages (from pandas==1.3.1) (1.22.4)
Requirement already satisfied: pytz>=2017.3 in /usr/local/lib/python3.9/dist-packages (from pandas==1.3.1) (2022.7.1)
Requirement already satisfied: python-dateutil>=2.7.3 in /usr/local/lib/python3.9/dist-packages (from pandas==1.3.1) (2.8.2)
Requirement already satisfied: six>=1.5 in /usr/local/lib/python3.9/dist-packages (from python-dateutil>=2.7.3->pandas==1.3.1) (1.16.0)
Installing collected packages: pandas
  Attempting uninstall: pandas
    Found existing installation: pandas 2.0.1
    Uninstalling pandas-2.0.1:
      Successfully uninstalled pandas-2.0.1
ERROR: pip's dependency resolver does not currently take into account all the packages that are installed. This behaviour is the source of the following dependency
plotnine 0.10.1 requires pandas>=1.3.5, but you have pandas 1.3.1 which is incompatible.
mizani 0.8.1 requires pandas>=1.3.5, but you have pandas 1.3.1 which is incompatible.
google-colab 1.0.0 requires pandas~=1.5.3, but you have pandas 1.3.1 which is incompatible.
Successfully installed pandas-1.3.1

Install & Update Pandas

install

 pip install pandas

check version

pd.__version__

upgrade to latest version

!pip install -U pandas

upgrade to specific version

!pip install pandas==1.3.1

Pandas Help

```
# help for pandas
help('pandas')


# help for pandas specific inbuild function
help(pd.read_csv)


# help for pandas series inbuild function
help(pd.Series.loc)


# help for pandas dataframe inbuild function
help(pd.DataFrame.head)
```